

MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification

Product Name

ChemTreat P-813E

Manufacturer's Name

ChemTreat, Inc.

Emergency Telephone Number

(800) 424-9300

Address (Number, Street, City, State, and ZIP Code)

**Corporate Headquarters: 4301 Dominion Blvd.
Glen Allen, Va. 23060**

Telephone Number For Information

(804) 935-2116

Date Prepared

October 19, 1998 (REVISED)

Signature of Preparer

Timothy H. Reid

Section 2. Composition / Information on Ingredients

Component	CAS Registry #	Wt. %
Petroleum Distillate Hydrotreated Light	064742-47-8	24
Anionic polyacrylamide	Proprietary	30-50

Section 3. Hazards Identification

EMERGENCY OVERVIEW:

White, viscous, opaque liquid; slight hydrocarbon odor.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT:

May cause eye irritation.

INHALATION:

Not expected to be harmful if inhaled.

SKIN CONTACT:

Causes skin irritation.

INGESTION:

No information available.

CHRONIC EFFECTS / CARCINOGENICITY:

No information available on significant long-term effects.

Section 4. First Aid Measures

INHALATION:

Move to fresh air.

**EYE CONTACT:**

Flush with water for at least 15 minutes, holding eyelids open. Call a physician.

SKIN CONTACT:

Flush immediately with soap and water for at least 15 minutes. Remove contaminated clothing and do not reuse without laundering.

INGESTION:

No information available.

Section 5. Fire Fighting Measures**FLAMMABLE PROPERTIES**

FLASH POINT: >200F; 93C

METHOD USED: Pensky Martens Closed Tester

FLAMMABLE LIMITS: LFL: NA UFL: NA

Extinguishing Media & Fire Fighting Instructions:

Use water spray, carbon dioxide, or dry chemical to extinguish fires. Use water to keep containers cool. Wear self-contained, positive pressure breathing apparatus and full fire-fighting protective clothing.

Section 6. Accidental Release Measures

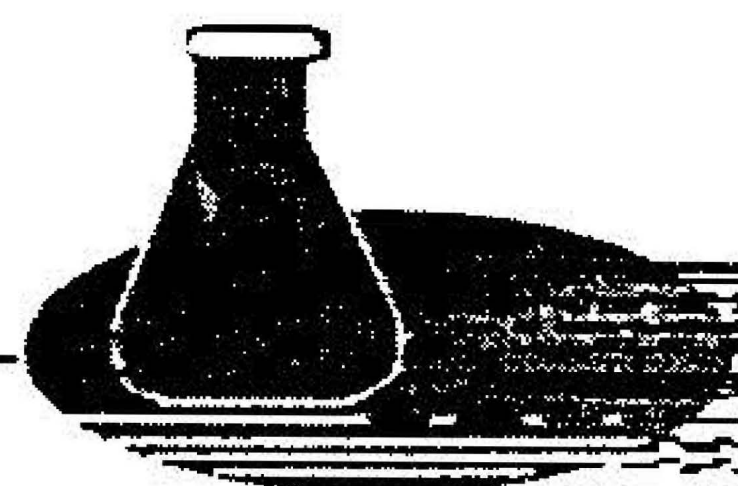
Where exposure level is not known, wear NIOSH-approved, positive pressure, self-contained respirator. Where exposure level is known, wear NIOSH-approved respirator suitable for level of exposure. In addition to the protective clothing/equipment in Section 8, wear impervious boots. Spills of this product are very slippery. Spilled material should be absorbed onto an inert material and scooped up. The area should be thoroughly flushed with water and scrubbed to remove residue. If slipperiness remains, apply more dry sweeping compound.

Section 7. Handling and Storage

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. To avoid product degradation and equipment corrosion, do not use iron, copper or aluminum containers or equipment.

Section 8. Exposure Controls / Personal Protection

Where this material is not used in a closed system, good exposure and local exhaust ventilation should be provided to control exposure. Food, beverages, and tobacco products should not be carried, stored, or consumed where this material is in use. Before eating, drinking, or smoking, wash face and hands with soap and water. Avoid skin contact. Protective clothing such as impervious gloves, apron, workpants, long-sleeve work shirt, or disposable coveralls are recommended to prevent skin contact. For operations where eye or face contact can occur, wear eye protection such as chemical splash proof goggles or face shield. Eyewash equipment and safety shower should be provided in areas of potential exposure. Where exposures are below the Permissible Exposure Limit (PEL), no respiratory protection is required. Where exposures exceed the PEL, use respiratory approved by NIOSH for the material and level of exposure.



Section 9. Physical and chemical Properties

APPEARANCE:	White, viscous, opaque	PHYSICAL STATE:	Liquid
BOILING POINT:	Aqueous phase ~100C Oil phase ~175C	SOLUBILITY IN WATER:	Limited by viscosity
EVAPORATION RATE:	<1	SPECIFIC GRAVITY:	~1.0
FREEZING POINT:	N/A	VAPOR DENSITY:	Similar to water
MELTING POINT:	0 F; 18C	VAPOR PRESSURE:	N/A
MOLECULAR WT.:	N/A	VISCOSITY:	N/A
ODOR:	Slight hydrocarbon	% VOLATILE:	65-70
pH:	~4 - 6		

Section 10. Stability and Reactivity

<u>CHEMICAL STABILITY:</u>	Product is stable.
<u>INCOMPATIBILITY:</u>	Strong oxidizing agents. This material reacts slowly with iron, copper, and aluminum, resulting in corrosion and product degradation.
<u>HAZARDOUS DECOMPOSITION PRODUCTS:</u>	Carbon monoxide, carbon dioxide, ammonia and/or oxides of nitrogen.
<u>HAZARDOUS POLYMERIZATION:</u>	Will not polymerize

Section 11. Toxicological Information

Toxicological information for the product is found under Section 3, Hazards Identification. Toxicological information on the OSHA regulated components of this product is as follows:

Acute overexposure to petroleum distillate vapors may cause eye and throat irritation. Certain petroleum distillate fractions may produce moderate to severe skin irritation with direct contact. Prolonged, repeated exposure to petroleum distillate vapor may cause central nervous system damage as well as heart and blood disorders. The oral LD50 in the rat for various distillates ranges from 4.5 to >25 ml/kg, and the inhalation LC50 in rats is about 15,000 ppm. Aspiration of petroleum distillate may cause chemical pneumonitis. Overexposure to vapor may cause dizziness, drowsiness, headache, and nausea. Product contains material(s) known to the State of California to cause cancer.

Section 12. Ecological Information

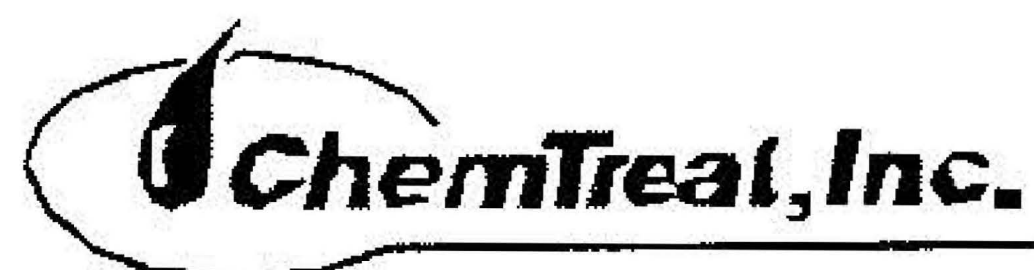
LC50	Bluegill, 96 hour = 84.4 mg/l
	Trout, 96 hour = 53.2 mg/l
	Fathead minnow = 670 mg/l
	Daphnia, 48 hour = 0.33 mg/l

Section 13. Disposal Considerations

Dispose of in accordance with local, state and federal regulations.

Section 14. Transport Information (Not meant to be all inclusive)

D.O.T. SHIPPING NAME:	Not D.O.T. Regulated
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Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

<u>TSCA STATUS :</u>	Yes
<u>CERCLA REPORTABLE QUANTITY:</u>	None
<u>SARA TITLE III:</u>	
SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES:	No
SECTION 313 TOXIC CHEMICALS:	No
<u>CALIFORNIA PROPOSITION 65:</u>	Yes

Section 16. Other Information

Hazard Ratings

Health	2
Flammability	1
Reactivity	0

Sara Hazard Categories - Section 311/312

Acute	Y
Chronic	N
Fire	N
Reactive	N
Sudden Release	N

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